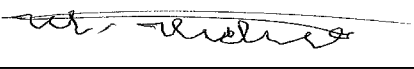
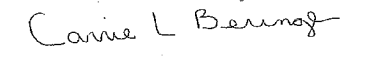
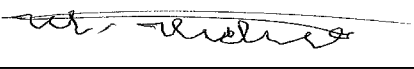
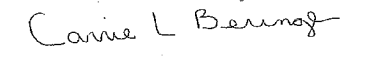
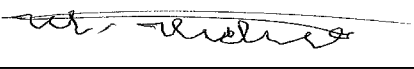
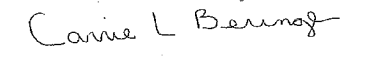


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TYPE <b>RESIDUALS</b>	REVISION <b>3</b>																																		
TITLE <b>SLAG BOX LOADING &amp; END DUMP LOADING</b>	EFFECTIVE DATE																																		
	DATE LAST REVIEWED																																		
<b>PURPOSE</b> This procedure provides instructions for loading slag from the conveyor system into twenty cubic yard roll off boxes & 40 cubic end dump trailers.																																			
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## **1.0 REFERENCES**

- 1.1 [Work Practice 200](#), Roll-Off Box Loading and Unloading Using the Galbreath Trailer.
- 1.2 WAP Page C128.

## **2.0 INITIAL CONDITIONS**

- 2.1 None

## **3.0 PRECAUTIONS AND LIMITATIONS**

- 3.1 Before loading empty slag box, make sure lid is open and liner is in place. If using an end dump trailer, make sure tarp is fully open and bows removed.
- 3.2 Do not enter slag box/end dump trailer during slag conveyor operation. Climbing into slag box/end dump trailer could result in injury or even death.
- 3.3 Place Hazardous waste label on roll off or end dump trailer
  - Date
  - EPA #
  - Proper D.O.T. I.D. (Slag)

## **4.0 SPECIAL TOOLS AND EQUIPMENT**

- Routine Safety Equipment
  - Hard hat
  - Gloves
  - Steel toe boots

## **5.0 INSTRUCTIONS**

### **5.1 Setting Up Slag Box/End Dump Trailer**

- 5.1.1 Move slag box/end dump trailer in position under conveyor chute.
- 5.1.2 Apply brakes.
- 5.1.3 Turn engine OFF.
- 5.1.4 Chock wheels.

### **5.2 Starting Up Slag Conveyor**

**NOTE:** This is done in manual or local operation. The controls can be found at the:

- Ground floor (Slag Conveyor Tail Station 1-4620)
- Overhead Platform (Slag Drag Conveyor Head Station 1-4620B)
- This may be done in automatic operation from the control room as well.

5.2.1 Notify Control Room that slag box is positioned and you are starting slag conveyor.

**WARNING**

Do not enter slag box during slag conveyor operation.

5.2.2 Fill slag box or end dump by moving trailer back and forth from pile to pile.

5.2.3 A sample must be obtained from each pile of slag and collected in a five gallon bucket.

- Use a scoop to obtain a sample of slag. **For 20 cubic yard rolloff containers take 4 samples, 1 from the front, middle, and rear of the box. A fourth sample must be pulled randomly from the box all 4 samples should be placed in a bucket and mixed to produce 1 composite sample. For End –Dumps and 40 cubic yard roll-off containers take six fixed samples(approximately every 3 feet) and two random samples to be placed into a bucket and mixed to produce 1 composite sample.**

5.2.4 Once a sample has been collected from each pile, Mix the composition to obtain a true representative sample for the roll-off or end dump being loaded.

5.2.5 Place the sample into a 1qt sample container. The Sample container must have the following information. Trailer number, Bar code number, Date, and Initials of Technician obtaining sample.

5.2.6 Once sample has been obtained return the unused slag back into the Roll off or End dump.

5.2.7 Deliver sample to lab.

**5.3 Using Weigh Scale**

5.3.1 Weigh slag box/end dump using the scale readout in O5 E&I Room (Steam Plant).

5.3.2 Make sure Ottawa and Trailer are completely on scale to get accurate reading.

5.3.3 Wait for weight to reach maximum of 71,000 pounds on the scale screen before switching to next box/trailer or until full.

5.3.4 Notify Control Room you are stopping the slag conveyor.

5.3.5 Complete computer functions: Slag Box.

**5.4 Holding and Sampling Trailer**

5.4.1 Unchock wheels.

5.4.2 Deliver slag box/end dump trailer to ninety day east holding (dewatering) area.

**NOTE:** Refer to [Work Practice 200](#), Roll-Off Box Loading and Unloading Using the Galbreath Trailer, for loading and unloading the slag box/end dump trailer.

5.4.3 Unload the slag box using the Galbreath.

5.4.4 Ensure that the Slag Box / End Dump is in side containment, and the trailer has the Yellow hazardous waste sticker attached.

## 6.0 Revision Summary

Revision Number	Date	Revised By	Changes
Revision 0			New Procedure
Revision 1	01-30-03		Addition for End Dump trailers
Revision 2	11-12-07		Addition of New LXE function
Revision 3	10-20-09	Matt Smith	Wap language and header correction